Digital Picture Frame (DPFrame)
USER MANUAL

Overview
Quality digital photo frames with good functionality are getting harder to find.
DPFrame can turn your older iPad into a superior digital photo frame.

Features
There are 2 versions of **DPFrame**:
- FREE
- PRO – available as an In App Purchase

FREE version features:
- A slideshow of full screen images in portrait or landscape orientation
- Easy slideshow navigation and pausing
- Configurable slide time
- Optional display of current time and/or date
- Optional night-time sleep mode
- Compatible with all generations of iPad
    - and recent iPhones and iPod Touches

PRO additional features:
- Wide range of slideshow effects (ie zoom, filters and transition effects)
- Configurable text and graphics overlay
    - Current date and time with choice of formats
    - Camera metadata (when and where shot)
    - Personalised image/logo with text
- Multimedia functions
    - Configurable narration track or background music playlist
    - Slide changes synced to narration or music
    - Vision and sound output to external devices via AirPlay
- Flexible selection of photos and music
- Configurable sleep function

How to Use DPFrame
The *How To Use* instructions are divided into 2 sections.
- FREE
- PRO

How to use DPFrame FREE

DPFrame searches for an album named 'DPFrame' in **Photos** and uses these images to sequentially display them as a slideshow.

If you have multiple albums containing 'DPFrame' in the name (For example: DPFrame, DPFrame1, DPFrame2, etc), it will choose the version with the highest number. In this case DPFrame2.

If it fails to find an album name containing 'DPFrame', it will use the largest album of any name.

Setting up

There are 2 ways to set up the album you wish to display:
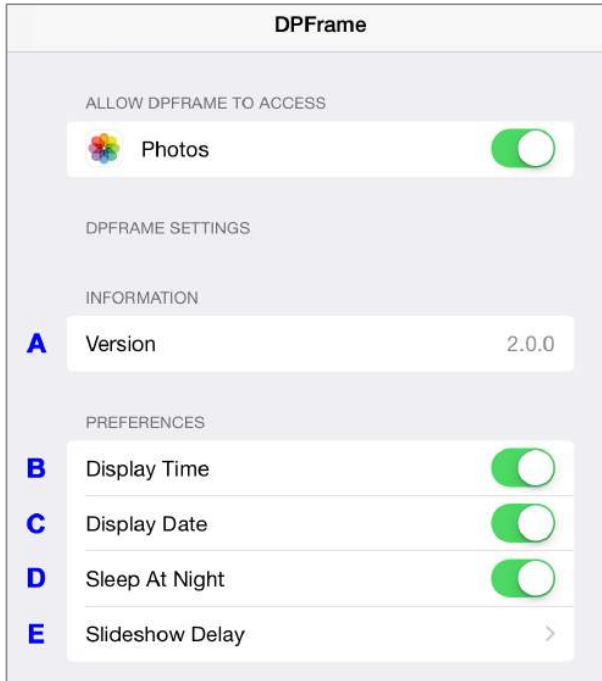
On the Device
1. Activate the **Photos** app
2. Tap the **Albums** tab
3. Add an Album by tapping **+**
   Or for iOS5: Tap **edit** then **New Album**
4. Name the album 'DPFrame'
5. Add the desired photos to the album by selecting photos during the album creation process, or by using Copy/Paste later
6. You're done!

Using iTunes sync
1. In **Photos** or **iPhoto** on your computer, create an album called 'DPFrame'
2. Add the desired photos to the album
3. In **iTunes**, select the device you're running **DPFrame** on and tap **Photos**
4. Ensure **Sync Photos** is checked and **Photos** is selected next to **Copy Photos from**
5. Select either:
   All photos and albums if you want all photos synced to the device, or **Selected albums** for a subset of photos, then in the **Albums** list, be sure to check at least one album with 'DPFrame' in its name.
6. Tap **Apply**
7. You're done!

Settings

To access the **DPFrame** settings, open the device **Settings**, scroll down to the last panel which contains individual app settings and tap the **DPFrame** row.
You should see the following:

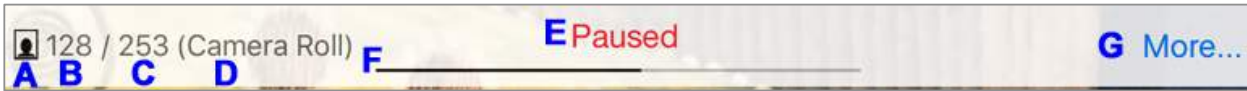|	
A	*Version*: Displays the app version number
B	*Display Time:* Enables the current time display on the slideshow
C	*Display Date:* Enables the current date display on the slideshow
D	*Sleep at Night:* Enables a sleep mode that will stop the slideshow and dim the display between 22:00 and 06:00. Time and Date is still displayed if those options are enabled
E	*Slideshow Delay:* Allows you to configure the time that each photo is shown from 1 second up to 2 minutes

Gestures

The following gestures are supported during a slideshow:

Tap	Pauses the slideshow ▪ A pause icon appears in the bottom left of the display Tap again to resume the slideshow Displays the **Status Bar** (see details below) The **Status Bar** dismisses itself after 10 seconds unless you have forced it to display (see Swipe Down)
Swipe Left	Go to the previous slide
Swipe Right	Go to the next slide
Swipe Down	Forces the **Status Bar** to be displayed with no time limit Swipe down again to display the **Dropdown Menu** (see details below)
Swipe Up	Hides the **Status Bar**

Status Bar

The **Status Bar** provides slideshow status information and access to the dropdown menu:

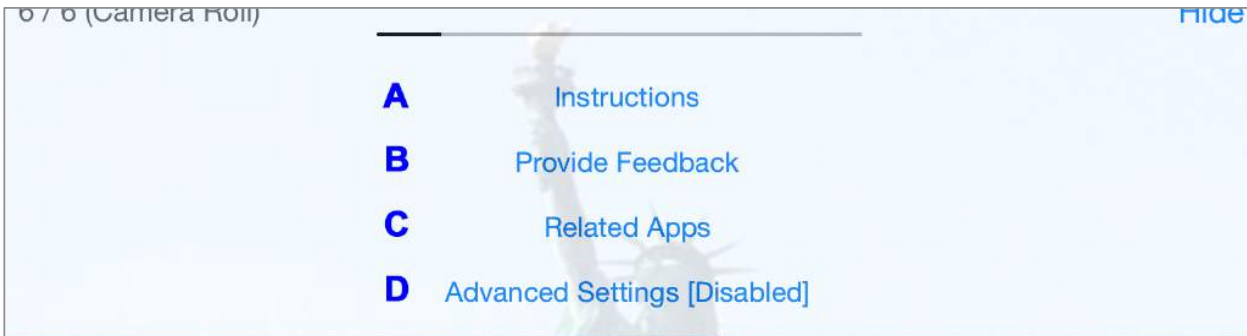|		
A	Orientation displayed (this icon appears if the display is being limited to either portrait or landscape photos – Pro version).
B	Current photo number
C	Total number of photos available
D	Photo album name
E	Status message (eg. Paused)
F	Progress bar showing how long before the next transition
G	More… button to show or hide the dropdown menu (see below)

Dropdown Menu

The **Dropdown Menu** provides access to additional functions:

A	Instructions (this user manual)
B	Provide Feedback contact form
C	Additional apps available from LNA Applications (if an internet connection is available)

D   Advanced Settings (contains link to upgrade to PRO)

Support

If you have a problem using **DPFrame**, or have an idea for an improvement, please tap the **Provide Feedback** button under **More…** on the **Status Bar**, or email us at support@lnaapplications.com

How to use DPFrame PRO

DPFrame PRO offers a wide range of advanced features over and above that available in the free version, as a low cost upgrade.
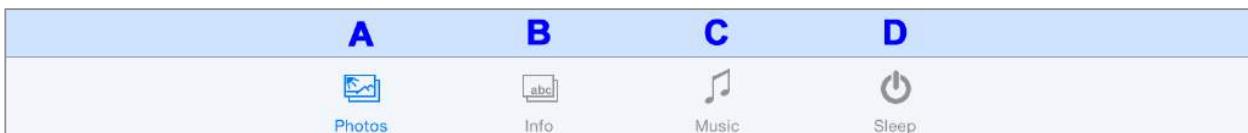
How to upgrade to PRO

1. Swipe down on the device display to reveal the **Status Bar**
2. Tap the **More…** button to reveal the **Dropdown Menu**
3. Tap **Advanced Settings [Disabled]**
   You will now see the first of 4 pages of **Advanced Settings**
   The **Photos** tab is the first displayed
   If you have not upgraded to the **PRO** version previously, there is a panel displayed at the top of the page that allows you to learn more about the upgrade and how to purchase it using the Apple App Store.
4. Tap **More information**
5. Once the upgrade product info is updated by the Apple App Store, tap the **BUY** button
   If you are not already logged into the App Store, Apple will prompt you for your AppleID and password.
   Follow the prompts to complete and install the **PRO** upgrade.
6. That's it. The **PRO** features will now be available to use.

Setting up

Advanced Settings can be accessed as follows:

1. Swipe down on the device display to reveal the **Status Bar**
2. Tap the **More…** button to reveal the **Dropdown Menu**
3. Tap **Advanced Settings**

There are 4 pages of **Advanced Settings**. You can navigate between the pages using the tab bar at the bottom of the screen:
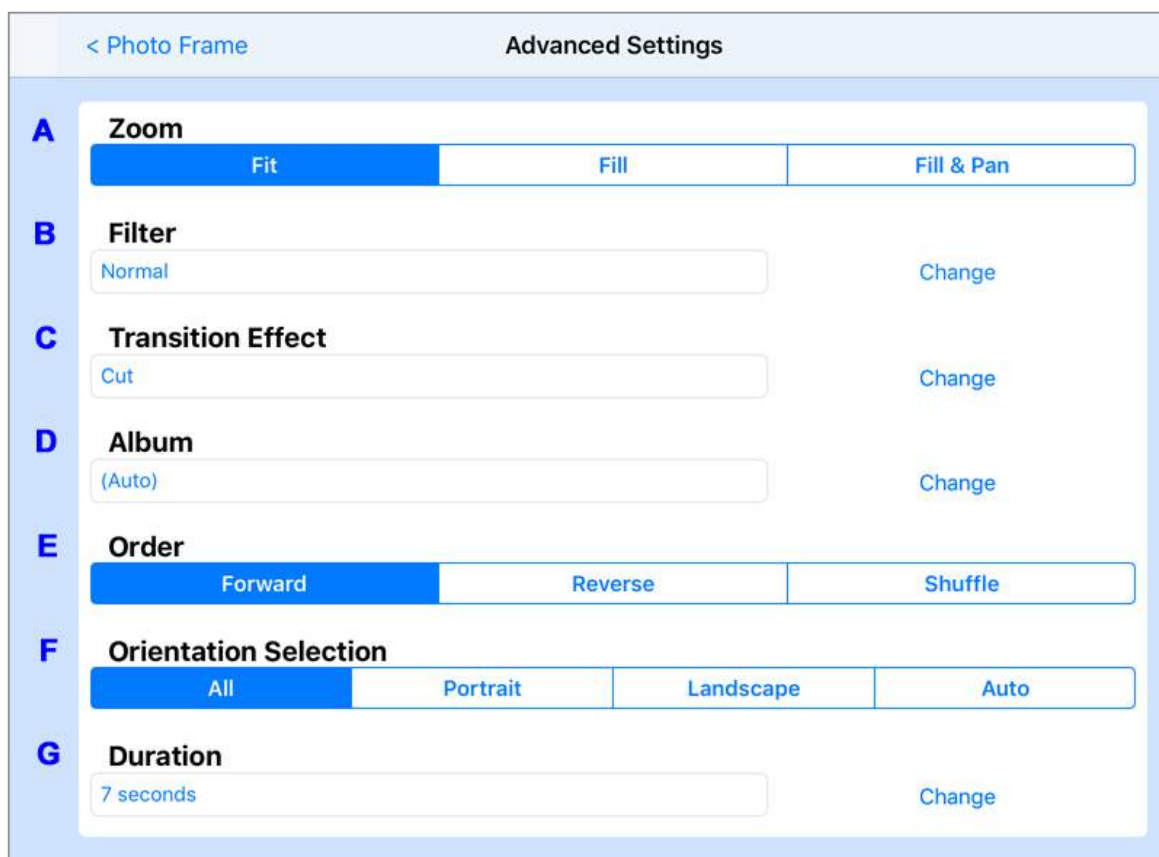

A *Photos*: Configure which photos are used and how slides are displayed

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B *Info:* Customise the information overlayed on the slideshow

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C *Music*: Set up the music or narration to be played along with the slideshow

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D *Sleep*: Configure the time and days that the slideshow sleeps

The following sections provide detailed instructions for each of these pages.

1. Photos settings

< Photo Frame	Advanced Settings	
A **Zoom**		
Fit	Fill	Fill & Pan
B **Filter**		
Normal		Change
C **Transition Effect**		
Cut		Change
D **Album**		
(Auto)		Change
E **Order**		
Forward	Reverse	Shuffle
F **Orientation Selection**		
All	Portrait	Landscape	Auto
G **Duration**		
7 seconds		Change

A *Zoom:* Changing the zoom mode

There are 3 **Zoom** modes for controlling how photos in portrait or landscape orientation are displayed:

1. **Fit**
    Scales the photo to fit the display while preserving the aspect ratio of the photo
    Depending on the orientation of the device and aspect ratio of the photo, this mode may leave black bars on the top and bottom or the sides of the photo.
2. **Fill**
    Scales the photo to fill the display, while preserving the aspect ratio of the photo
    Depending on the orientation of the device and aspect ratio of the photo, this mode may crop off parts of the photo.
3. **Fit & Pan**
    Similar to **Fit**, except the photo is also slowly panned around to show any cropped parts of the image
    The longer the photo is shown the more chance there is that all of parts of the photo will be displayed.

B *Filter:* Selecting the filter to use

A number of filters are available to process a photo before it is displayed. To select a filter, tap the blue filter name or the associated **Change** button to reveal the **Filter** picker.

Filters available depend on the age of the device. Newer devices have more processing power to perform more complex operations. Filter settings available:

All Versions
None: Original photo displayed without modification
High Vibrancy: Displays colours with increased saturation while
                                    preserving skin tones
Monochrome: Displays a photo in Black & White
Pixellate: Produces a blocky style image with large uniform pixels
Posterize: Imitates a silk-screened poster that has a reduced
                                    number of colours
Sepia: Imitates a sepia toned black & white print
Sharpen: Boosts the image sharpness
Smooth Mix: A subtle filter is randomly selected from the list of
                                    available filters for each transition
Random Mix: Any available filter is randomly selected from the list of
                                    available filters for each transition

iOS 7.0 or later
Chrome: Imitates a photographic film that exaggerates colours
Cool: Imitates a photographic film that has a blue/cool colour
                                    bias
Fade: Imitates a vintage photographic print that has faded
                                    colours
Instant: Imitates an instant photo print that has distorted colours
Low Vibrancy: Displays colours with reduced saturation while preserving
                                    skin tones
MonochromeLC: Displays a photo in Black & White with low contrast
MonochromeHC: Displays a photo in Black & White with high contrast
Vignette: Imitates the reduced peripheral intensity of a simple lens
Warm: Imitates a photographic film that has a red/warm colour
                                    bias

iOS 8.0 or later
Glass Distortion: Imitates the view looking through a mottled glass window

C *Transition Effect:* Selecting the transition effect

A number of effects are available to enhance slide transitions. To select an effect, tap the blue effect name or the associated **Change** button to reveal the **Transition Effect** picker.

Effects available depend on the age of the device. Newer devices have more processing power to perform more complex operations. Transition effect settings available:

All Versions
Cut:	No effect. Immediate replacement of a slide with the next slide
Copier:	Imitates the bright light a copier uses to scan an image
Dissolve:	Fades from one slide to the next
Slide Right:	Moves the new slide in from the left to cover the previous slide
Slide Random:	Same as Slide Right but randomly selects from up, down, left or right
Wipe Right:	Wipes an image in from the left to replace a slide
Wipe Random:	Same as Wipe Right but randomly selects from up, down, left or right
Smooth Mix:	A subtle effect is randomly selected from the list of available effects for each transition
Random Mix:	Any available effect is randomly selected from the list of available filters for each transition

iOS 6.0 or later
Bars Swipe:	The slide shreds into a series of bars that disappear up the screen
Flash:	Fills the screen with a growing bright flash then reveals the next slide
Mod:	Rotates a growing set of punched holes in the slide to reveal the next slide

D *Album:* Setting the source for photos

On start-up, **DPFrame Pro** searches for photos to use for the slideshow. **DPFrame** searches for an album called 'DPFrame' in the Photo library. It reads this album's images and progressively displays them as a slideshow.

If you have multiple albums containing 'DPFrame' in the name (For example: DPFrame, DPFrame1, DPFrame2, etc), it will choose the version with the highest number. In this case DPFrame2.

If it fails to find an album name containing 'DPFrame', it will use the largest album of any name.

You can select a specific album to use by changing the album selected under **Album**. To change the album, tap the blue album name under the **Album** heading, or the associated **Change** button, to reveal the **Album** picker.

A note about iCloud shared Albums:

DP Frame works best if full resolution images are stored locally on the device. If you select an iCloud shared album, full resolution versions of the photos may not yet be stored locally on the device. When **DP Frame** is displaying an iCloud shared album image that has not been fully downloaded you will see a small cloud icon ☁ in the bottom right of the screen. The image quality may be noticeably inferior to the display of a full resolution image.

The best solution is to ensure that the shared album has all of the full resolution images stored locally. To make this happen open the Apple **Photos** app and review each of the photos in full screen. Initially they may look a little fuzzy, if the full resolution image has not been downloaded from iCloud. **Photos** will request the download of the full resolution image and show a small white clock icon in the lower right of the screen to show the progress of the download. Once all the album images look sharp, then you are ready to use the album with **DP Frame**.

E   *Order:* Changing the slideshow presentation order

There are 3 **Order** modes available for controlling the order of photo presentation:

1. *Forward:*   Shows photos in the order they were taken (oldest to newest)
2. *Reverse:*   Shows photos in the reverse order they were taken (newest to oldest)
3. *Random:*   Randomly chooses the order without repeating until all photos have been presented

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F   *Orientation Selection:* Choosing portrait and/or landscape photos to display

There are 4 **Orientation Selection** modes available for choosing the photo orientations to display:

1. *All:*   Shows both portrait and landscape photos
2. *Portrait:*   Shows only portrait photos
3. *Landscape:*   Shows only landscape photos
4. *Auto:*   Shows portrait photos when the device is in portrait orientation or landscape photos when the device is in landscape orientation

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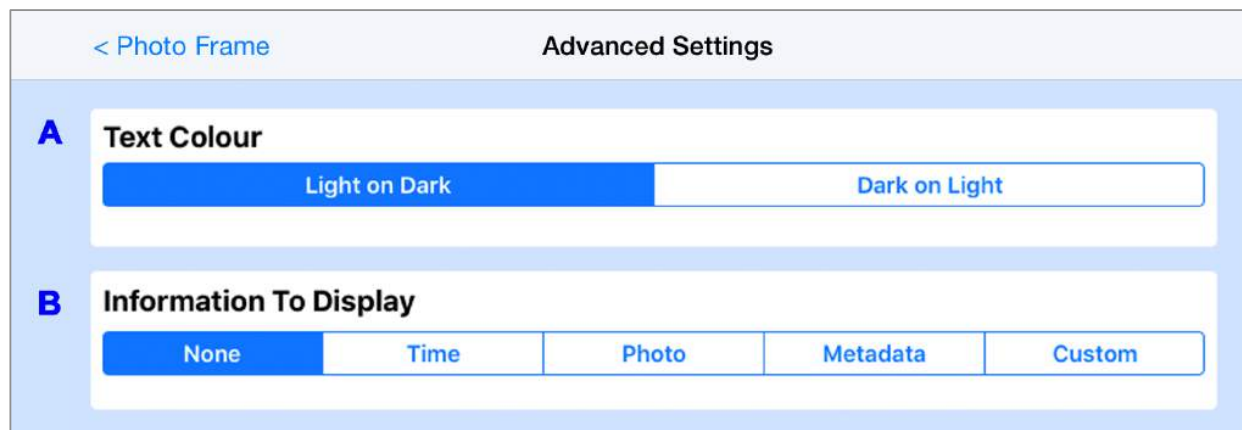**G** *Duration:* Changing the slideshow speed

DPFrame changes slides based on a timer. You can choose from 21 preset durations: from 1 second to 60 minutes. When complex transitions are selected the minimum duration will increase to 3 seconds to allow the transitions to complete before the next slide change.

To select a Duration, tap the blue duration text or the associated **Change** button to reveal the **Duration** picker.

Note the final duration setting called Music Sync allows you to set **DPFrame** to only change the slide when a background music track changes. This mode allows you to sync slide changes to music or narration tracks.

2. Info settings

A   *Text Colour:* Changing the overlay text colour

There is a choice of white text and a translucent grey background or black text on a translucent grey background.

B   *Information To Display:* Changing the information displayed as an overlay

There are 5 modes to choose from:
1. **None**
   Only the photo is shown on the screen
2. **Time**
   Displays current time and/or date in the lower right corner of the display
3. **Photo**
   Displays time and date when the photo is shot and/or the location
   Display of this information depends on the originating camera's ability to capture and pass on this data
   Identification of the location requires an internet connection for the first run through of the slides; location names are then cached
4. **Metadata**
   Displays metadata sourced from the IPTC fields included in the image files
5. **Custom**
   Allows you to overlay a personalized image or logo together with text anywhere on the display

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B.2 Information To Display – TIME

Set **Information To Display** to **Time.**

A   *Time Format:* Changing the current time overlay format

    Off: No time overlay is displayed
    12hr: Time is displayed in 12 hour format (eg. 07:30 pm)
    24hr: Time is displayed in 24 hour format (eg. 19:30)

B   *Date Format:* Changing the current date overlay format

    Off: No date overlay is displayed
    day DMY: Date is displayed in ascending order (eg. Sat 03-Oct-2015)
    YMD day: Date is displayed in descending order (eg. 2015-Oct-03 Sat)
    day MDY: Date is displayed in USA format (eg. Sat Oct-03-2015)

B.3 Information To Display – PHOTO

Set **Information To Display** to **Photo.**

A	*Time Format:*	Changing the overlay time format for when the photo was shot
	Off:	No time overlay is displayed
	12hr:	Time is displayed in 12 hour format (eg. 07:30 pm)
	24hr:	Time is displayed in 24 hour format (eg. 19:30)

B	*Date Format:*	Changing the overlay date format for when the photo was shot
	Off:	No date overlay is displayed
	DMY:	Date is displayed in ascending order (eg. Sat 03-Oct-2015)
	YMD:	Date is displayed in descending order (eg. 2015-Oct-03 Sat)
	MDY:	Date is displayed in USA format (eg. Sat Oct-03-2015)

C	*Location Format:*	Changing the overlay location format for where the photo was shot
	Off:	No location name is displayed
	Country:	Location country is displayed (eg. Australia)
	State, Country:	State and country are displayed (eg. NY, United States)
	All:	Town, state and country are displayed (eg. Washington, DC, United States)

B.4 Information To Display – METADATA

Set **Information To Display** to **Metadata.**

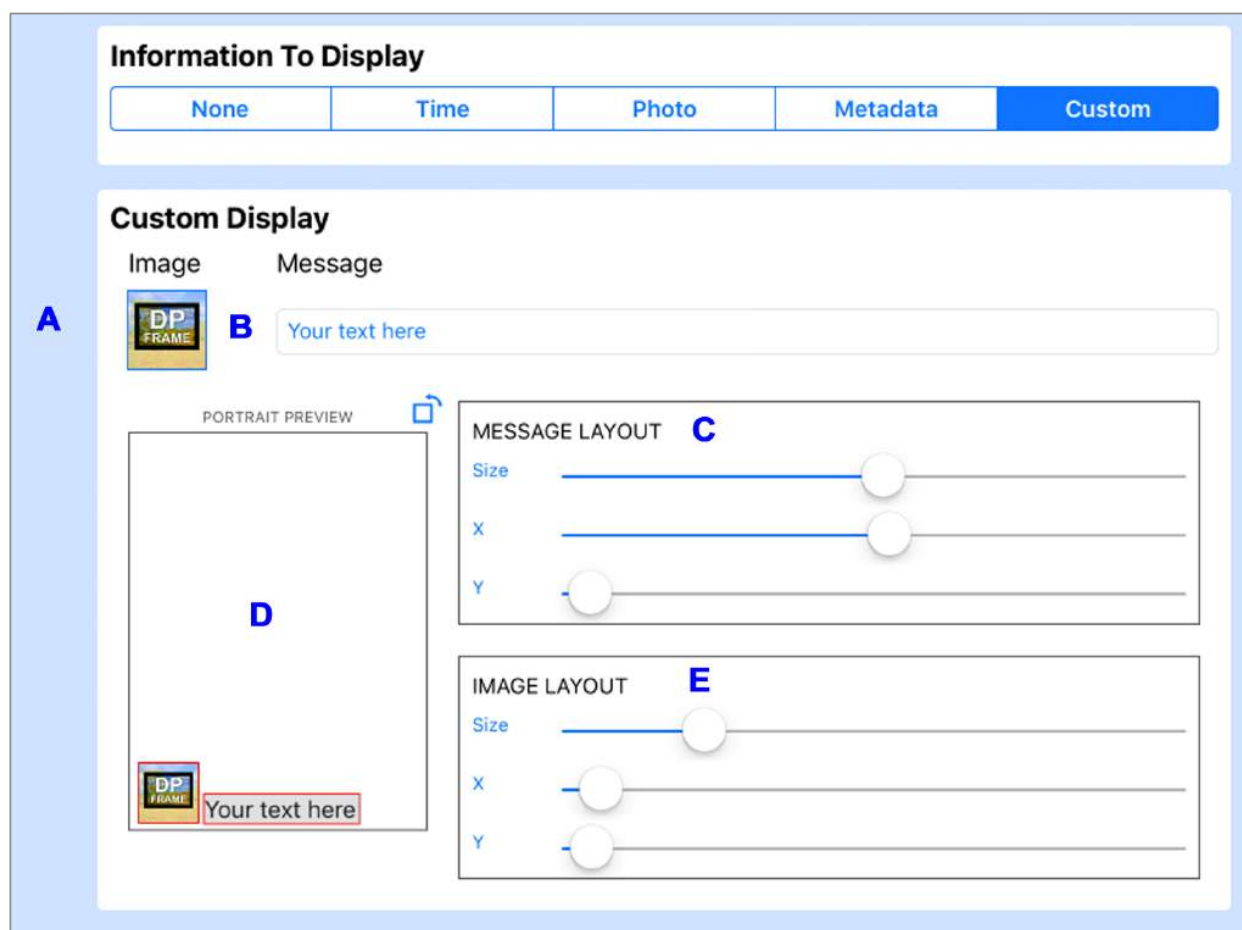|		
A	*Line 1:*	Metadata field to be used for Line 1 of the display
		IPTC fields to choose from (if populated in the image file):
		Date Created,
		Time Created,
		Time Created, Date Created,
		Country,
		Country Code,
		Province or State,
		City,
		Sub-Location,
		State, Country,
		City, State, Country,
		Sub-Location, City, State, Country,
		Object Name,
		Object Name, Date,
		Headline,
		Headline, Date,
		Caption or Abstract
		Caption or Abstract, Date
B	*Line 2:*	Metadata field to be used for Line 2 of the display
		IPTC fields to choose from (if populated in the image file):
		As for Line 1, above.

B.5 Information To Display – CUSTOM

Set **Information To Display** to **Custom.**

A   *Image:*   Selecting a custom image to display

Tap the image icon just under **Image**. Initially this is a **DPFrame** icon.
When the **Photos** popup appears, choose the **Photos** category.
For example, tap **Camera Roll** to access an image taken with your device's camera
Tap on the image you wish to use, **Move and Scale** as necessary then tap **Use.**

B   *Message:*   Entering custom text to display

To enter or change the customized text, tap the blue text under the **Message** heading.
Use the on-screen keyboard to enter the text, then tap **Return.**

C   *Message Layout:* Positioning and sizing the custom message

Adjust the **Size**, **X** and **Y** sliders to obtain the size and position of the message
The **PORTRAIT PREVIEW** or **LANDSCAPE PREVIEW** shows you the appearance of the text as you make adjustments
Tap the preview image to toggle between portrait and landscape previews

D   Separate settings are saved for both portrait and landscape orientations, so be sure to set both
Tap **< Photo Frame** to view the final effect. Make any fine adjustments necessary by returning to **Advanced Settings**

E   *Image Layout:*   Positioning and sizing the custom image

Adjust the **Size**, **X** and **Y** sliders to obtain the size and position of the image you wish to use
The **PORTRAIT PREVIEW** or **LANDSCAPE PREVIEW** shows you the appearance of the image as you make adjustments
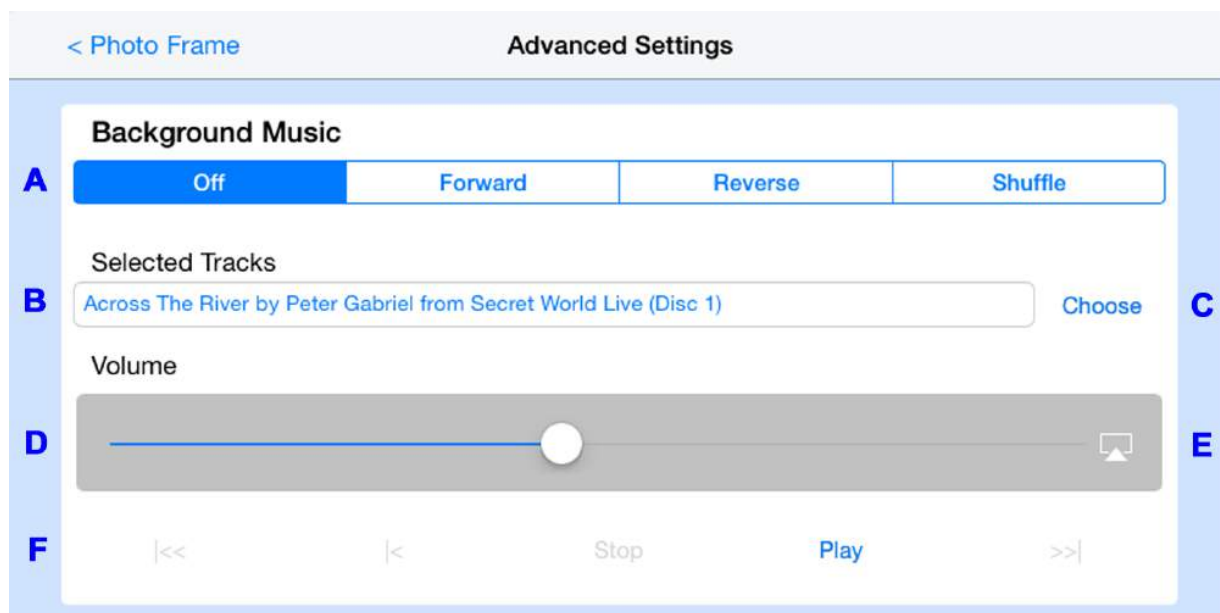
D   Tap the preview image to toggle between portrait and landscape previews
Separate settings are saved for both portrait and landscape orientations, so be sure to set both
Tap **< Photo Frame** to view the final effect. Make any fine adjustments necessary by returning to **Advanced Settings**

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3. Music settings

A *Background Music:* Changing the order of background music / audio

There are 4 modes to choose from:
1. *Off:*   Do not play any music or audio
2. *Forward:*   Play tracks sequentially
3. *Reverse:*   Play tracks in reverse order
4. *Shuffle:*   Randomly chooses the order, without repeating, until all tracks have been presented

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B *Selected Tracks:* Changing the audio tracks to play

The tracks to play to accompany the slides are selected from a playlist
The default playlist is **Songs** from the devices **Music** library
- Playlist order is alphabetical by song title

The details of the first track to be played are shown under the **Selected Tracks** heading
- To view the entire playlist, tap these details
- To change the first track to play, tap the required first track name in the playlist table

Songs are played in the playlist order if **Forward** is selected

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C   *Choose:*   Changing the songs in the playlist

To change the songs in the playlist, tap **Choose**
You can select songs from the categories shown under **Add Music** or select entire playlists from **Playlists**
Tap **Done** when you have selected the tracks

D   *Volume:*   Setting the playback volume

Adjust the slider under the **Volume** heading to set the playback volume

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E   *AirPlay:*   Changing the output device

The icon to the right of the volume slider shows whether AirPlay is selected
If it is white then sound will playback through the local device
If it is blue, then AirPlay is selected to play to another device

To set the AirPlay device:

iOS 7 or later:
1. Swipe up from the bottom of the screen to show an up arrow
2. Swipe up on this arrow to display the **iOS Control Center**
3. Tap **AirPlay** to set the AirPlay device

iOS 5 & 6:
1. Double tap the home button to reveal the **iOS Fast App Switcher**
2. Swipe the Fast App Switcher to the right to reveal the music controls and rotation lock button
3. Swipe to the right again to reveal a volume control and the AirPlay button
4. Tap on AirPlay to set the AirPlay device

F   *Preview:*   Previewing the playback audio

Use the following controls to preview the playback audio:

I<<	Previous track
I<	Start of current track
Stop	Stop playback and return to the start of the playlist
Play	Commence playback from the current position
Pause	Stop playback but hold current playback position
>>I	Next track

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4. Sleep settings

A	*Sleep At Night:* Enabling Sleep Mode	

Use the slide switch to enable sleep mode
On, or green, means **DPFrame** will go to sleep according to the schedule you set
If **DPFrame** is in sleep mode, you can wake it up for 5 minutes by tapping on the screen

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B   *On Time - Time:* Setting the wake up time

To change the wake-up time, tap the blue time text appearing or tap **Change**
Select the new required wake-up time using the picker

C   *On Time - Day:* Setting the wake up day(s)

To change the day, or days, that you want **DPFrame** to wake-up from a sleep, tap the blue day text or tap **Change**
Select the new required wake-up day, or days using the picker

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D   *Off Time - Time :* Setting the sleep time

To change the sleep time, tap the blue time text or tap **Change**
Select the new required sleep time using the picker

E   *Off Time - Day:* Setting the sleep day(s)

To change the day, or days, that you want **DPFrame** to go to sleep, tap on the blue day text or tap **Change**
Select the new required sleep day, or days using the picker

Gestures

The following gestures are supported during a slideshow:

Tap	Pauses the slideshow ▪ A pause icon appears in the bottom left of the display Tap again to resume the slideshow Displays the **Status Bar** (see details below) The **Status Bar** dismisses itself after 10 seconds unless you have forced it to display (see Swipe Down)
Swipe Left	Go to the previous slide
Swipe Right	Go to the next slide
Swipe Down	Forces the **Status Bar** to be displayed with no time limit Swipe down again to display the **Dropdown Menu** (see details below)
Swipe Up	Hides the **Status Bar**

Support

If you have a problem using **DPFrame PRO**, or have an idea for an improvement, please tap the **Provide Feedback** button under **More…** on the **Status Bar**, or email us at support@lnaapplications.com